

RPV Building & OSF Plant Models

Model #	Model Name	Model #	Model Name
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RS MEANS EXISTING (E) STANDARD BUILDING MODELS (35)

E1	Housing - Small	E19	Parking Structure - Below Ground
E2	Housing - Large	E20	Swimming Pool
E3	Auditorium/Meeting	E21	Post Office/Mail Handling
E4	Cafeteria/Dining	E22	Recreation Center/Gym
E5	Classroom-Small	E23	Retail Store
E6	Classroom-Medium	E24	Security/Badging
E7	Fire Station	E25	Warehouse/Storage (pre-engineered)
E8	Garage, Repair	E26	Bank/Credit Union
E9	Hangar	E27	Visitor Center
E10	Indoor Firing Range	E28	Office 1-story
E11	Office/Lab	E29	Warehouse, Mini
E12	Laundry	E31	College, Dormitory, 2-3 Story
E13	Library	E33	Fraternity/Sorority House
E14	Medical Facility/Clinic	E34	Apartment 1-3 Story
E15	Office-Small	E35	Apartment 4-7 Story
E16	Office-Medium	E37	Hotel 4-7 Story
E17	Office-Large	E39	Telephone Exchange
E18	Parking Structure - Above Ground		

DEPT. OF ENERGY NEW (N) CUSTOM BUILDING MODELS (30)

N1	Bunkers/Magazines	N16	Process Bldg w/Pool
N2	Communication Center/Tele	N17	Process Bldg-Small
N3	Computer Center	N18	Process Bldg-Large
N4	Day Care Center	N19	Records Storage/Vault
N5	Explosives Handling	N21	Labs-Hard Eng (50/50)
N6	Hardened Storage	N22	Labs-Bio/Environmental (50/50)
N7	High-Bay Facility	N23	Labs-Chemistry (50/50)
N8	Labs-Hard Eng (80/20)	N24	Labs-Physics/Comp (50/50)
N9	Labs-Bio/Environmental (80/20)	N25	Labs-Test/Blast (50/50)
N10	Labs-Chemistry (80/20)	N30	Office with Atrium
N11	Labs-Physics/Comp (80/20)	N31	High Radiation Examination Lab
N12	Labs-Test/Blast (80/20)	N32	Multi-Purpose Facility - large
N13	Machine Shop	N33	Trailer, Real Property
N14	Maintenance Shops	N34	Accelerator - Ring
N15	Paint Shop	N35	Pump Station

Laboratory Space Key (Lab %/Office %)

UNIQUE PANTEX BUILDING MODELS (4)

N36	SNM Component Staging Facility	N38	High Explosive Subassembly Facility
N37	Assembly Cell	N39	HE Machining Facility

DEPT. OF ENERGY CUSTOM OTHER STRUCTURES & FACILITIES (OSF) PLANT MODELS

N40	Chilled Water Plant- 9,000T Centrifugal	N45	Steam Plant (Oil)
N41	Chilled Water Plant- 9,960T Absorption	N46	Base Treatment Plant Bldg.
N42	Base Bldg. Steam Power Plant		
N43	Steam Plant (Coal)		
N44	Steam Plant (Gas)		

Models by Usage Category

Major Category			
#	Model Name	#	Model Name
<u>HOUSING</u>			
E34	Apartment 1-3 Story	E01	Housing, Small
E35	Apartment 4-7 Story	E02	Housing, Large
E31	College Dormitory 2-3 Story	E33	Lodge/Guest House
E37	Hotel 4-7 Story	N33	Office, Trailer
<u>INDUSTRIAL BLGS.</u>			
N37	Assembly Cell	N21	Lab – Hard Engineered 50/50
N39	HE Machining Facility	N16	Process Building with Pool
N38	High Explosive Sub-assembly Facility	N17	Process Building Small
N31	High Radiation Examination Facility	N18	Process Building Large
N32	Kansas City Plant (KCP) Honeywell FM&T)	N36	SNM Component Staging Facility
N08	Lab – Hard Engineered 80/20		
<u>MUNICIPAL/INSTITUTIONAL</u>			
E03	Auditorium	E15	Office Small 80,000 SF
E04	Cafeteria – Dining Facility	E16	Office Medium 80,000 – 150,000 SF
E05	Classroom Small	E17	Office Large 150,000 – 350,000 SF
E06	Classroom Medium	E28	Office, One Story
N03	Computer Center	N30	Office with Atrium (CEBAF Facility)
N04	Day Care Center	E21	Post Office
E13	Library	E22	Recreation Center Gymnasium
E14	Medical Facility – Clinic	E27	Visitor Center
<u>OTHER STRUCTURES & FACILITIES</u>			
N42	Base Building Steam Power Plant	N43	Steam Plant – Coal
N40	Chilled Water Plant – 9,000T Centrifugal	N44	Steam Plant – Gas
N41	Chilled Water Plant - 9,960T Absorption	N45	Steam Plant - Oil
N46	Sewage Treatment Plant Support Building		
<u>RESEARCH & DEVELOPMENT</u>			
N34	Continuous Beam Accelerator Ring Facility	N10	Labs – Chemistry 80/20
E11	Laboratory – Office	N24	Labs – Physics Computer 50/50
N22	Labs – Biology Environmental 50/50	N11	Labs – Physics Computer 80/20
N09	Labs – Biology Environmental 80/20	N25	Labs – Test Blast 50/50
N23	Labs – Chemistry 50/50	N12	Labs – Test Blast 80/20
<u>SERVICE BUILDINGS</u>			
E26	Bank, Credit Union	N15	Paint Shop
N02	Communication – Telephone Center	E18	Parking Garage Above Ground
E07	Fire Station, 1 Story	E19	Parking Structure Below Ground
E09	Hangar – Service Building	N35	Pump Station
N07	High-Bay Facility	E08	Repair Garage
E10	Indoor Firing Range	E24	Security Badging
E12	Laundry	E23	Store, Retail
N13	Machine Shop	E20	Swimming Pool Enclosed
N14	Maintenance Shop	E39	Telephone Exchange
<u>STORAGE</u>			
N01	Bunker – Magazine	N19	Records Storage Vault
N05	Explosives Handling	E25	Warehouse, Storage
N06	Hardened Storage	D29	Warehouse, Mini